

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 1082-010

First Inventor Douglas E. Smith

Title SYSTEM AND METHOD FOR MEASURING  
BENDING IN A PIN MEMBER

Express Mail Label No. EL918000059US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 54]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Oath or Declaration [Total Pages]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.


## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	Stephen T. Sullivan				
	SULLIVAN LAW GROUP				
Address	5060 North 40 <sup>th</sup> Street				
	Suite 120				
City	Phoenix	State	AZ	Zip Code	85018-2140
Country	United States of America	Telephone	(602) 956-6161	Fax	(602) 956-6262

Name (Print/Type)	Stephen T. Sullivan	Registration No. (Attorney/Agent)	32,444
Signature		Date	July 2, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**A Professional Corporation**

5060 North 40th Street, Suite 120  
Phoenix, Arizona 85018-2140  
Telephone (602) 956-6161  
Facsimile (602) 956-6262

1200 G Street, N.W., Suite 800  
Washington, D.C. 20005  
Telephone (202) 661-6116  
Facsimile (202) 661-6117

***Via Express Mail***

**Re: Filing of New U.S. Patent Application Entitled  
"SYSTEM AND METHOD FOR MEASURING  
BENDING IN A PIN MEMBER"  
Filing Date: July 2, 2001  
Our Ref. 1082-010 (2000-35-51)**

We hereby submit the following papers in connection with the filing of this new U.S. patent application entitled "SYSTEM AND METHOD FOR MEASURING BENDING IN A PIN MEMBER" inventors Douglas E. Smith, Peter D. Totman, Randy L. Everton, Paul A. St. John, Marvin D. Bunderson, and Mark R. Eggett:

1. Utility Patent Application Transmittal;
2. Specification (53 pages) including claims (4 independent claims and 43 claims total);
3. Abstract of the Disclosure (1 page);
4. Drawing figures (15 figures on 5 sheets);
5. Check for \$ 1,204.00 to cover the filing fee; and
6. Postcard for receipt acknowledgment.

**0807-0000**

Basic filing fee:	\$710.00
Independent claims in excess of 3 (1 claim @ \$80.00 per claim):	\$80.00
Total claims in excess of 20 (23 claims @ \$18.00 per claim):	<u>\$414.00</u>
<b>Total Filing Fee:</b>	<b>\$1,204.00</b>

Please accord this application a serial number and the filing date of July 2, 2001.

Stephen T. Sullivan

STS/akh  
Enclosures

Express Mail Mailing Label No. EL918000059US  
Date of Deposit: July 2, 2001

Anne K. Hoole